

HOSTOMSKA, L.; HORACKOVA, M.; VALENTOVÁ, J.

Certain criteria of growth in children with a simple alimentary obesity. Cesk.pediat. 15 no.8:686-690 Ag '60.

1. Katedra fakultní pediatrie fakulty dětského lékařství KU v Praze, vedoucí prof. MUDr. J. Houštěk katedra fakultní pediatrie fakulty všeobecného lékařství KU v Praze, vedoucí prof. MUDr F. Blažek.

(GROWTH)  
(OBESITY in inf & child)

KUNCOVA, Z.; HORACKOVA, M.

Ambulatory follow-up of underweight children in varied etiology.  
Cesk.pediat.16 no.2:128-134 F '61.

1. Pediatricka katedra fakulty všeobec. lekarstvi HU, detske  
oddeleni Fakultni polikliniky v Praze, prednosta prof. dr.  
F. Blazek.

(THINNESS in inf & child)

HOSTOMSKA, L.; HORACKOVA, M.

Treatment of eufunctional goiter in childhood. Cas. lek. cesk. 100 no. 44:  
1396-1402 3 N '61.

I. II detska klinika KU v Praze, vedouci prof. Dr. Sc. MUDr. J. Houstek.  
IV detska klinika KU v Praze, vedouci prof. MUDr. F. Blazek.

(GOITER in inf & child)

JIROVEC, Otto; HORACKOVA, Milada; JIROVCOVA, Marie; JIRKA, Jindrich;  
SMID, Jiri; VALENTUVA, Jirina; VOSTA, Jaroslav

A study of the toxoplasmin reaction. II. Examination of some groups  
from the normal population. Cesk. epidem. mikrob. imun. 10 no. 3:  
197-205 '61.

1. Protozoologicka laborator CSAV v Praze. Detiske oddeleni fakultni  
polikliniky ONZ-UNV hl. m. Prahy. Gynekologcke oddeleni OUNZ v M.  
Havlickove Budejovice. Krajska hyg.-epid. stanice v Ceskych Budejovicich.  
(TOXOPLASMOSIS immunol.)

JAKOUBEK, B.; PAVLOVSKA, M.; GUTMANU, E.

Factors affecting the increased catabolism of proteins in the peripheral nerve during motor activity. Physiol. Bohemoslov. 14 no.4:312-316 '65.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague. Submitted January 9, 1965.

GROSSMANN, Vojtech, prof. MUDr.; TULACH, Jiri; Technicke spoluprace:  
HORACKOVA,O.; PECA, O.; OCHRYMOVIC, O.

A contribution to changes in the effect of physostigmine on  
the blood pressure of irradiated rats. Sborn. ved. prac. lek.  
fak. Karlov. Univ. 9 no.1:183-190 '64.

1. Katedra farmakologie (prednosta: prof. MUDr. V. Grossmann);  
Katedra toxikologie (prednosta: doc. MUDr. Z. Fink) Karlovy  
University v Hradce Kralove.

ZNAMENACEK, K.; JANATA, V.; BYDZOVSKY, V.; HORADKOVA, Z.

New methods of prophylaxis against staphylococcal infections in the newborn. Cesk pediat 17 no.2:177-180 F '62.

1. UPMD Praha Podoli, reditel ustanu doc. dr. M. Vojta, VUFB Praha Vinohrady, reditel inz. dr. O. Nemecek.

(STAPHYLOCOCCAL INFECTIONS in inf & child)  
(INFANT NEWBORN diseases)

HORAK, A.

"The shortened process of spinning."

p. 442 (Textil) Vol. 12, no. 12, Dec. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) DC. Vol. 7, no. 4,  
April 1958

HORAK, BOHUSLAV.

Dejiny zemepisu. (1. vyd.) Praha, Nakl. Ceskoslovenske akademie ved.  
(History of geography. 1st ed. illus., fold. maps, bibl., footnotes, indexes)  
Vol. 1. (Antiquity and the Middle Ages) 1954.

GEOGRAPHY & GEOLOGY Periodicals

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11,  
Nov. 1958

HORAK, B.; STADLEROVA, M.

Emil Holub, Josef Korensky; biographies. p. 94. SBORNIK. Praha.  
(Journal issued by the Czechoslovak Geographical Society; with English  
and Russian summaries. Quarterly) Vol. 60, no. 2, 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress  
Vol. 4, No. 12, December 1955

HORAK, B.

The globe owned by the Bohuslav Hantstejinsky is  
Lobkovic. p. 194.

CEskoslovenska spolecnost zemepisna. SBORNIK, CZECHOSLOVANIA

Vol. 60, No. 3, 1955.

SOURCE: East European Accessions List (EEAL) Library  
of Congress. Vol 5, No. 1, January 1956.

HORAK, B.

GEOGRAPHY & GEOLOGY

Periodicals: ANTHROPOZOIKUM. Vol. 63, No. 4, 1958.

HORAK, B. The first edition of Comenius' Mapa Moravy [Map of Moravia]? P. 331.

Monthly List of East European Accessions (EEAI) LC Vol. 3, No. 4, April 1959.  
Unclass.

KORIK, B.

"Bozena Hribova's Mapa prirodne krajiny ceskych zemi ve 12. stoleti  
(Map of the Natural Regions of Czech Lands in the 12th Century);  
a review."

p. 170 (Ceskoslovenska Ethnografie, Vol. 63, no. 2, 1958,  
Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 2,  
September 1958

SEDLIAK, M. (Kosice, Facultna nemocnice); MELICH,A.; SIMKO J.; HORAK,C.

On hormonal therapy of threatened abortion. Cesk. gynek. 30  
no.1r51-54 Mr'65.

1. Gyn. por. klinika Lekarske fakulty University P.J.Safarika  
v Kosiciach (prednosta: doc. dr. K. Poradovsky, CSc.).

HORAK, C.

Cytological picture of vaginal smears in pregnant women in late gestosis.  
Cesk. gyrek. 27/41 no.8:582-587 '62.

1. Gyn.-por. klin. Lek. fak. UPJS v Kosiciach, prednosta prof. dr.  
T. Schwarz.  
(VAGINAL SMEARS) (PREGNANCY TOXEMIAS)

HORAK, Emil, inz.

The tasks of the map documentation service. Geod kart obzor  
2 no.3:54-55 Mr '56.

1. Vyzkumny ustav geodeticky, topograficky a kartograficky,  
Praha.

HORAKOVA,O.; KALAMAR,J.; SOPTNSKA,M.; HORAK,F.

The presence of alpha-lipoic acid in natural substances. Cesk.  
farm 13 no.3:107-110 Mr'64.

1. Slovensky ustav pro dosk<sup>a</sup>lovani lekaru, Bratislava; Katedra  
biochimie farmaceuticke fakulty a katedra organick<sup>e</sup> technologie  
chemicke fakulty UK, Bratislava.

\*

HORAK,F.; KALAMAR,J.

New synthesis of an isomer of vitamin K3 (6-methyl-1,  
4-naphthoquinone). Cesk. farm. 12 no.8:410-411 0'63.

1. Katedra organickej technologie, Chemicka fakulta SVST,  
Bratislava.

\*

HORAK, Frantisek, inz.

Solved research tasks on sheep breeding. Vestnik vyzk  
zemadel 10 no.1:2-6 '63.

1. Vedouci Vyzkumne stanice zemedelske, Jedlova v  
Orlickych horach.

HORAK, F.

VACH, S.: HORAK, F.

Use of paper chromatography in pharmacopeia test; determination  
of saccharose and glucose. Cesk.farm. 4 no.6:310-311 Jl '55.

1. Z krajske kontrolni laboratoare Pizenske Mediky, h.p.  
(CARBOHYDRATES, determination,  
chromatography)  
(GLUCOSE, determination,  
chromatography)  
(CHROMATOGRAPHY,  
of glucose and saccharose)

*✓ Determination of sucrose in glucose S. Vach and F. Horák (District Survey Lab. Mel. Pilsen, Czechoslovakia) A paper chromatographic method is described by which 1% sucrose can be detected. The mobile phase is 4 butanol: 1 AcOH: 5 H<sub>2</sub>O. The developing solution consists of 1 ml of 0.02% each of 2,6-dinitrophenylhydrazine in EtOH and 1.2M sodium acetate in EtOH. This develops a brown colour with both spots prominent in ultraviolet light. This method is recommended at the German Pharmacopoeia Institute. The starch color reaction is now often used.*

*M. Becking*

*2.*

HORAK, F.

Quantitative determination of ephedrine by alkaline cleavage.

p. 558 (Chemicky Prumysl. Vol. 7, no. 2, Feb. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

HORAK, F.

CZECHOSLOVAKIA / Analytic Chemistry. Analysis of  
Organic Substances.

E

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60735.

Author : F. Horak, J. Gasperik.

Inst : -

Title : Quantitative Determination of Ephedrine by  
Alkaline Cleavage Method.

Orig Pub: Chem. zvesti, 1957, 11, No 9, 558-561.

Abstract:  $\text{CH}_3\text{NH}_2$  (II) splits off at heating ephedrine hydrochloride (I) with NaOH, which can be used for the quantitative determination of I. 10 to 240 mg of the substance is heated with 30%-ual NaOH solution in Kjeldahl's apparatus for hemimicro determina-

Card 1/2

CZECHOSLOVAKIA / Analytic Chemistry. Analysis of  
Organic Substances.

E

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60735.

Abstract: tions, II is distilled off and determined by titration. It is necessary to add water during the distillation in order to eliminate II completely. By this method, 4.90 to 4.91% of I was found in commercial ampoules with 5%-ual I solution, and 24.5 to 25.2 mg of I was found in ephedra-name tablets (which should contain 25 mg of I each).

Card 2/2

102

MACHEK, J.; HORAK, F.

Studies on function of the cerebral cortex in the mechanisms determining the course and initial motor deviations in audiogenic epileptic seizures in laboratory rats. Cesk. fysiol. 7 no.3:196-197 May 58.

1. Physiologicky ustav CSAV, Praha.

(CONVULSIONS, exper.

audiogenic, cerebrocortical factor (Cz))

(NOISE, eff.

exper. convulsions, cerebrocortical factor in rats (Cz))

(CEREBRAL CORTEX, physiol.

in exper. audiogenic convulsions in rats (Cz))

HORAK, F. : MACHEK, J.

"Contribution to the study of the functions of the cerebral cortex in mechanisms determining the direction of the course and initial motor deviations in audiogenic epileptic attacks of laboratory rats." p. 196.

CESKOSLOVENSKA FYSIOLOGIE. Praha, Czechoslovakia, Vol. 7, no. 3, May 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.  
Uncl.

HORAK, F.

Dynamics of audiogenic convulsive reactivity and motor indices of seizures in rats following exposure to acoustic epileptogenic stimulation.  
Cesk. fysiol. 7 no.5:471-472 Sept 58.

1. Fysiologicky ustav CSAV, Praha.

(NOISE, eff.

convulsions, audiogenic reactivity & motor indices of seizures  
in rats (Cz))

(CONVULSIONS, exper.

audiogenic, reactivity & motor indices of seizures in rats  
(Cz))

HORAK, F.

Sensitivity of laboratory animals to acoustic epileptic seizures and its relation to symptoms of seizures. Cesk. fysiol. B no.3:198 Apr 59.

1. Fysiologicky ustav CSAV Praha Predneseno na III. fysiologickych dnech v Brne dne 13. 1. 1959.

(CONVULSIONS, exper.

acoustic seizures in white rats (Cz))

(NOISE, effects,

epileptic seizures in white rats (Cz))

S/282/63/000/001/005/011  
A059/A126

AUTHORS: Horák, František, Homola, Vítězslav, Kozák, Jaromír

TITLE: A method of determining the concentration of cumene peroxide in the reaction products of phenol and acetone production, and a setup for its realization

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 47. Khimicheskoye i khologol'dil'noye mashinostroyeniye, no. 1, 1963, 36, abstract 1.47.221 P (Czech. pat., cl. 421, 3/07, 12a, 10, 12q, 14/02, no. 99492, May 15, 1961)

TEXT: When phenol and acetone are produced by decomposing cumene peroxide in the presence of a catalyst, the concentration of cumene peroxide in the reactor has to be quickly determined. If the maximum permissible concentration is exceeded, an explosion may occur. Therefore, a sample is continuously taken from the reactor which is passed through an inclined tube. First, its initial temperature is measured. After the temperature pickup, a catalyst (e.g., sulfuric acid) is introduced into the tube, and the sample arrives at the second

Card 1/2

A method of determining the concentration of ....

S/282/63/000/001/C05/011  
A059/A126

temperature pickup. From the temperature difference due to the exothermic decomposition reaction of cumene peroxide the peroxide concentration is determined with the aid of empirical tables. In the case of an excess cumene peroxide concentration, a catalyst is introduced into the reactor or the amount of cumene peroxide supplied is reduced. An automatic control of the process is feasible. There are 3 figures.

I. Gvozdev

[Abstracter's note: Complete translation]

Card 2/2

HORAK, F.; HORAKOVA, O.

Contribution to calcium metabolism. I. Cesk. gastroent. vyz. 15 no.4:  
304-310 Je '61.

1. Chemicka fakulta SVST v Bratislave a Ustatv pre doskolenie  
lekarov, stredisko v Bratislave.  
(CALCIUM metab)

HORAK, F.; KALAMAR, J.; MELNIKOVOVA, N.

Preparation of new p-ethoxyphenylthiourea derivatives. Cesk. farm.  
11 no.2:80-81 F '62.

1. Katedra organickej technologie, chemicka fakulty SVST, Bratislava.  
(THIOUREA rel cpds)

HORAK, Frantisek, RNDr., C.Sc.

Paper chromatography of thio-6-azauracils. Chem zvesti 16  
no.1/2:151-156 Ja-F '62.

1. Katedra organickej technologie Slovenskej vysokej skoly  
technickej, Bratislava. Author's address: Bratislava, Kollarovo  
namesti 2, Chemicky pavilon Slovenskej vysokej skoly technickej.

CZECHOSLOVAKIA

HORAK, F.; KALAMAR, J.; Chair of Organic Technology at the Faculty of Chemistry at the Slovak Technical University [Katedra Organickej Technologie, Chemicka Fakulta SVST], Bratislava.

" A New Synthesis of an Isomer of Vitamin K<sub>3</sub> ( 6- Methyl- 1,4- naphthoquinone)."

Prague, Ceskoslovenska Farmacie, Vol 12, No 8, 1963, pp 410-411

Abstract: In 1948 an antibiotically active isomer of vitamin K<sub>3</sub> (6-methyl-1,4-naphthoquinone) was isolated from the fungus *Marasmius Graminum*. This substance was synthesized in a 2 step process from 6-methyl-1-naphthal. Its effect on blood coagulation was studied and it was determined that 6-methyl-1,4- naphthoquinone has a K vitamin activity.

1 Figure, 3 Western references.

1/1

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BELLUS, Daniel, inz.; LISKA, Oto, doc. inz. CSc.; HORAK, Frantisek, dr. CSc.

Lobelia alkaloids. Pt.2. Chem zvesti 18 no.2:90-98 '64.

1. Laboratory of Polymers, Slovak Academy of Sciences, Bratislava, Dubravská cesta (for Bellus).
2. Department of Analytical Chemistry, Slovak Higher School of Technology, Bratislava, Kollarovo namesti 2 (for Liska).
3. Department of Organic Technology, Slovak Higher School of Technology, Bratislava, Kollarovo namesti 2 (for Horak).

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1

RADOCHA, K., MUDr.; VACHA, K. doc. dr.; NOVAKOVA, Z., DrSC.; HORAK, F.

Analysis of antemortal mortality in the region of eastern Bohemia.  
Cesk. zdrav. 12 no.9:442-447 S '64.

1. Gynek.-porodnicka klinika lekarske fakulty Karlovy University,  
Hradec Kralove a Organizacne metodické oddeleni Krajskeho ustavu  
narodniho zdravi Vychodoceskeho kraje, Hradec Kralove.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1"

GABRIEL, J., MUDr.; NOVAKOVA, H., MUDr.; STRNAD, L., prom. ekonom.;  
GAISLER, J. MUDr.; BIDMAN, J., MUDr.; HORAK, Fr., Technicka  
spoluprace CERNA, V.

Study of a group of deceased patients in the University Hospital  
in Hradec Kralove for a 1-year period. Cesk. zdrav. 12 no.11:  
543-555 N° 64.

1. Katedra organizace zdravotnictvi lek. fak. Karlovy University  
a Krajsky ustav narodniho zdravi v Hradci Kralove za odborne  
spoluprace klinickych pracovniku.

CMELOUK, A., MUDr.; STACH, J., inzh.; HORAK, F.

Extended identification of data on regional health districts.  
Cesk. zdrav. 13 no.7/8:362-370 Ag '65.

1. Katedra organizace zdravotnictvi lekarske fakulty Karlovy  
University, Hradec Kralove, Ustav pro zdravotnickou statistiku,  
Praha a Krajsky ustav narodniho zdravi, Hradec Kralove.

OMELCUK, A., MUDr.; STACH, J., inzh.; HORAK, F.

The educational profile of the district public health officer  
in statistical surveys. Cesk. zdrav. 13 no.10:490-499 O '65.

1. Katedra zdravotnictvi lekarske fakulty Karlovy University  
v Hradci Kralove, Ustav pro zdravotnickou statistiku v Praze  
a Krajski ustav narodniho zdravi Vychodo ceského kraje v Hradci  
Kralove.

CZECHOSLOVAKIA

HORAK, F.; KOLINA, J.; THOMESOVA, O.; Chair of Organic Technology,  
Faculty of Chemical Technology, Slovak Technical University (Ka-  
tedra Organické Technologie Chemicko-Technologické Fakulty Slo-  
venske Vysoké Školy Technické), Bratislava; Institute for Re-  
search, Production and Application of Radioactive Isotopes (Ustav  
pro Výzkum, Výrobu a Využití Radioisotopů), Prague.

"Sulfur Derivatives of 6-Azathymine. III. Synthesis of Labelled  
2-Thio-6-Azathymine and a Simplified Method of its Preparation."

Prague, Ceskoslovenska Farmacie, Vol 15, No 5, Jun 66, pp 254-255

Abstract /Authors' English summary modified/ 7: 2-thio-6-azathymine-  
-N<sup>15</sup> and 2-thio-6-azathymine-S<sup>35</sup> were prepared for use in the study  
of goitrogenic activity. In the preparation of the S<sup>35</sup> containing  
substance it was noticed that the rate of exchange of S in the  
non-active substance for S<sup>35</sup> is consistent with a pseudomonomolecular  
reaction. 2 Figures, 4 Western, 3 Czech references. (Manuscript received  
23 Aug 65).

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- 50 -

HORAK, G.

Some remarks on the longwall system and length and width of walls. P. 318  
PRZEGLAD GORNICZY. (Instytut Węglowy) Stalinograd.  
Vol. 11, no. 9, Sept. 1955

SOURCE: EEAL LC Vol. 5, no. 7, July 1956

HORAY, G.

HORAY, G. Determining a suitable inclined slicing of a panel. p. 449.

Vol. 11, No. 12, Dec. 1955

IRZEM LAL GORNICZY

TECHNOLOGY

Poland

To: East European Accession, Vol. 5, No. 5, May 1956

HORAK, G.

"Analysis of costs of the retreating and advancing systems".

p. 125 (Przeglad Gorniczy) Vol. 12, no. 4, April 1956  
Katowice, Poland

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 4,  
April 1958

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1

RABSZYN, Jerzy, doc. mgr inz.; HORAK, Gerard, mgr inz.

Influence of technical parameters on the selection of the  
mining system. Przegl gorn 20 [i.e.19] no.9:341-353 S'63.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1"

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1

HORAK, Gerard, mgr.,inz.

Calculation of charges for preliminary activities. Przegl gorn  
18 no.1:64-66 '62.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1"

HORAK, J.

H-52

COUNTRY : Czechoslovakia  
CATEGORY :

ABS. JOUR. : AZKhim., No. 21 1959, No.

76951

AUTHOR : Horak, J.

IN ST. : Not given

TITLE : The Spinning of Synthetic Fibers and Blends  
Thereof by the Worsted Process

ORIG. PUB. : Textil (CFR), 13, No 10, 366-369 (1958)

ABSTRACT : No abstract.

CARD: 1/1

HORAK, J.

"Inorganic chemistry" by Westermann, Naser and Gruhl. Reviewed by J. Horak. Chem prum 12 no.7:376 Jl '62.

1. Vysoka skola chemicko-technologicka, Pardubice.

HORAK, J.

Typological basis for changes in the composition of forests growing from stumps  
in the area of Jihomoravsky uval. p.409.  
(Beseda Venkovske Rodiny, Vol. 30, No. 5, May 1957, Praha, Czechoslovakia)

S0: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

HORAK, J.

Penetrating gunshot wounds of the thorax and their surgical treatment in the roentgenological picture. Rozh. chir. 42 no.11:838-841 N°63.

1. Rentgenologické oddelení UVN v Praze; vedoucí MUDr. F.Sykora.

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KRAL,B.; HORAK,J.

Contribution to a more accurate method of determining residual lung volume. Cas.lek.cesk. 102 no.46:1274-1275 N°63.

I. II. interni klinika lekarske fakulty KU v Hradci Kralove,  
prednosta prof.dr. V.Jurkovic.

POSPISIL, M.; HORAK, J.

Urethrocytography in men. Notes on its clinical use. Rozhl.  
chir. 43 no. 3:175-180 Mr 64

1. Urologicke a rentgenologicke oddeleni II. chirurgicka kli-  
niky fakulty vseob. lekarstvi KU v Praze; prednostat prof.dr.  
J. Lhotka.

\*

HORAK, J.

Mechanism of nodal rhythm in athletes. *Cesk. fysiol.* 7 no.5:472-473  
Sept 58.

1. Katedra telovychovného lekarství VIA J. v P., Hradec Králové.  
(HEART, physiol.  
nodal rhythm in athletes (Cx))  
(ATHLETICS,  
same)

MANN, M.; HORAK, J.; HENDRICH, F.

Contribution to the treatment of coronary insufficiency by bilateral ligation of the internal mammary artery. Rozhl. chir. 41 no.5:347-352 My '62.

1. Chirurgicke oddeleni nemocnice v Novem Meste na Mor., prednosta dr. M.Mann Interni oddeleni nemocnice v Novem Meste na Mor., prednosta dr. F. Hendrich.

(CORONARY DISEASE surg)

CZECHOSLOVAKIA

HORAK, J; OKAC, A.

Institute of Analytical Chemistry of Purkyne University  
(Institut für analytische Chemie, Purkyne-Universität),  
Brno (for both)

Prague, Collection of Czechoslovak Chemical Communications,  
No 10, 1963, pp 2563-2575

"Information and Determination of Niobates and Tantalates  
with Pyrogallolsulfonic Acid."

HORAK, J.

CZECHOSLOVAKIA

HORAK, J.

Technical Higher School of Chemistry (Technische Hochschule  
für Chemie), Prague

Prague, Collection of Czechoslovak Chemical Communications,  
No 10, 1963, pp 2637-2656

"Reactions of Trichlormethansulfenylchloride and its  
Derivatives II. Solvolysis of S-methoxytrichlormethan-  
thiols, S-ethoxytrichlormethan thiols and S-Diethylamino-  
trichlormethan thiol."

CZECHOSLOVAKIA

HORAK, J., of the Chair of Military Internal Medicine and Radiobiology (Katedra volecne interny s radiobiologii), and Military Physical Culture Medicine (Vojenske telovychovne lekarstvi), VLVDu [not identified, probably a military institute], Hradec Kralove.

"Circulatory and Respiratory Response in Boxers During An Adequate Laboratory Load"

Prague, Casopis Lekaru Ceskych, Vol CII, No 16, 19 April 63,  
pp 433-435.

Abstract [Author's English summary, modified]: Examined are changes in the circulation and respiration of boxers training with a large bag (3 three-minute rounds with one-minute breaks among them). A bicycle ergometer was used for comparison. The value of the respiratory oxygen equivalent was used as criterium. The recovery period after the adequate load is much more rapid. The hypotonic type of pulse rate and blood pressure confirmed conclusions reached as a result of an analysis of

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CZECHOSLOVAKIA

Prague, Casopis Lekaru Ceskych, Vol CII, No 16, 19 April 63,  
pp 433-435.

the training and efficiency in boxers who were not in good forms during the investigation period. Six German references.

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CZECHOSLOVAKIA

SANDA, Z., KRAL, S., and HORAK, J., Second Clinic of Internal Medicine (II. interni klinika), Faculty of Medicine (Lekarska fakulta), Charles University, mraadec Kralove, docent Dr V. JURKOVIC, director.

"Electrocardiographic and Vectocardiographic Picture of So-Called Incomplete Block of the Right Ramus of Tawara Ramus Septi Fibrosi in Sports-men"

Prague, Casopis Lekaru Ceskych, Vol CII, No 27-28, 8 July 1963, pp 749-753.

Abstract: Authors investigated changes in the RSR complex in 14 sportsmen during respiration, Burger's test, surgery stimulating the vagus, during a combination of inspiration and vagus stimulation, and after strain. During inspiration, Burger's test and combined test the picture improved considerably and disappeared altogether in many instances. The vagus stimulation did not change the picture. Results of a vectocardiographic analysis are given. Reasons are indicated for the development of an incomplete block of the right ramus of Tawara (ramus septi fibrosi). Twenty-seven references, including 3 Czech.

1/1

HORAK, J.

Comparison of the circulatory and respiratory functional efficiency  
of boxers with those of skiers and swimmers. Cas. lek. cesk. 102  
no. 36:430-432 19 Ap '63.

1. Katedra všeobecné interny a radiobiologie a vojenským telovýchovným  
lekarstvím VLVDU v Hradci Králové.  
(BOXING) (SKIING) (SWIMMING) (SPORT MEDICINE)  
(RESPIRATORY FUNCTION TESTS) (CARDIOVASCULAR SYSTEM)  
(HEART FUNCTION TESTS) (BLOOD CIRCULATION)

HORAK, J.

Circulatory and respiratory responses in boxers during adequate laboratory loading. Cas. lek. cesk. 102 no.16:433-435 19 Ap '63.

1. Katedra volecne interny s radiobiologii a vojenskym telovychovnym  
lekarstvim VLDU v Hradci Kralove.  
(BOXING) (SPORT MEDICINE) (RESPIRATORY FUNCTION TESTS)  
(HEART FUNCTION TESTS) (CARDIOVASCULAR SYSTEM)  
(BLOOD CIRCULATION)

SANDA, Z.; KRAL, B.; HORAK, J.

Electrocardiographic and vectorcardiographic picture of so-called incomplete block of the right ramus of Tawara in athletes. Cas. lek. cesk. 102 no.27/28:749-753 8 Jl '63.

1. II.interni klinika lekarske fakulty KU v Hradci Kralove,  
prednosta doc. dr. V. Jurkovic.

(ELECTROCARDIOGRAPHY) (VECTORCARDIOGRAPHY)  
(CORONARY VESSELS) (HEART CONDUCTION SYSTEM)  
(HEART BLOCK) (SPORT MEDICINE)

CZECHOSLOVAKIA

KRAL, B.; HORAK, J.; 2nd Clinic of Internal Medicine at the Medical Faculty, Charles University (II. Interni Klinika Lokarske Falkulty KU), Hradec Kralove, Head (Prednosta) Professor Dr V. Jurkovic.

"Contribution to a More Accurate Method of Ascertaining the Residual Pulmonary Volume."

Prague, Casopis Lekaru Ceskych, Vol 102, No 46, 1963, pp 1274-1275

Abstract: (Authors' English summary) The authors inserted a registration device into the circuit of examination of residual pulmonary volume by means of Navratil's dilution method. This allows to ascertain exactly the respiratory position in which the examination of residual pulmonary volume was started. The error of examination is thus reduced by up to 300 - 400 ml. It is possible to ascertain immediately before examination the vital capacity and the expiration reserve volume. 5 Figures, 3 Western, 1 Czech reference.

1/1

- 17 -

TOMANEK, R.; HORAK, J.

Acoustic and vestibular changes in children with congenital  
lues. Cesk. otolaryng. 13 no.3:145-151 Je'64

1. Otolaryngologicka klinika fakulty vseobecneho lekarstvi  
KU [Karlov University] v Praze; prednosta: prof. dr. K.  
Sedlacek.

CZECHOSLOVAKIA UDC 616.211-02 - 09. PL : 616.250  
 CZECHOSLOVAKIA 073.173 UDC 616.211-02 - 09. PL : 616.24-075.173  
 ZELENY, M.; HORAK, J.; VONDRA, V.; Otolaryngological Department Central Military Hospital (Otolaryngologicke Oddeleni Ustredni Vojenske Nemocnice), Prague, Head (Vedouci) Prof. Dr. E. CERNY; Department for Medical Aspects of Sports, Central Military Hospital (Sportovne Lekarske Oddeleni Ustredni Vojenske Nemocnice), Prague, Head (Vedouci) Dr. J. HORAK; Internal Department, Central Health Institute, Military of Interior (Interni Oddeleni Ustredniho Zdravotnickho Ustava MV), Prague, Head (Vedouci) Dr. D. FRIEDMANOVÁ.

"Relation of Vasomotor Rhinitis to Spastic Broncho-Pulmonary Syndrome in Spirographic Examination."

Prague, Casopis Lekaru Ceskych, Vol 105, No 23, 10 Jun 66, pp 612-616

Abstract [Authors' English summary modified]: Ventilation function of the lungs before and after an epinephrine test (s.c.) was investigated in 44 cases of allergic vasomotoric rhinitis and in 20 cases of non-allergic vasomotor rhinitis. In patients suffering from allergic v.r. the percentage of predicted value of

32

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012-616 Casopis Lekaru Ceskych, Vol 105, No 23, 10 Jun 66, pp 612-616 APPROVED FOR RELEASE: 09/21/2001 CIA-RDP86-00513R000618120011-1

vital capacity per second (%NHVC, %NHFEV<sub>1</sub>, and VC) was increased. In non-allergic v.c. the ventilation function was normal. 4 Figures, 1 Table, 6 Western, 11 Eastern references. (Manuscript received Jun 65).

#### Diagnosis

CZECHOSLOVAKIA

UDC 616.33:616.342)-002.44-005.1-089

LANGER, L.; FRIEDBERGER, V.; BORK, Z.; HORAK, J.; 2nd Surgical Clinic, Faculty of General Medicine, Charles University (II. Chirurgicka Klinika Fakulty Vsoobecneho Lekarstvi KU), Prague, Head (Prednosta) Prof Dr J. LHOTKA.

"Surgical Remarks on Acute Hemorrhage from Gastroduodenal Ulcer."

Prague, Casopis Lekaru Ceskych, Vol 105, No 27-28, 4 Jul 66, pp 750 - 752

Abstract [Authors' English summary modified]: Diagnosis of acute gastroduodenal ulcer bleeding and diagnostic problems of esophageal varix bleeding are discussed. Acute bleeding during cor-

CZECHOSLOVAKIA

HRUDKA, F.; HORAKOVA, A.; HORAK, I.: Veterinary Faculty, College of Agriculture, Chair of Histology and Embryology (Veterinarska Fakulta VSP, Katedra Histologie a Embryologie), Kosice.

"Cytochemical Studies of Activity of Endogenous Reductases in Spermatozoa. III. Effect of Ionizing Radiation on the Motility and Activity of Endogenous Reductases and Succinodehydrogenase of the Ejaculated Bull Spermatozoa."

Prague, Veterinarni Medicina, Vol 11, No 6, Jun 66, pp 361-370

Abstract /Authors' English summary modified/: 2000-5000 r reduce the motility of washed; 10,000 r, of unwashed spermatozoa. Succinodehydrogenase is more resistant to radiation than endogenous reductases. Radiation decreases the activity of the enzymes after a certain period of latency, which follows the irradiation. The inhibition starts slowly and increases linearly. The sensitivity of spermatozoa depends on the individuality of the donor. 0.15M NaCl solution increases the effect of irradiation on reductases, but does not affect the succinodehydrogenase. 3 Figures, 2 Tables, 12 Western, 7 Czech references. (Manuscript received 6 Nov 1965).

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L 8530-66 EWT(1)/EWP(1)/EWP(b) IJP(c) JD/AT

ACCESSION NR: AP5018476

44, 55 44, 55 CZ/0055/GS/015/007/0536/0518

AUTHOR: Horak, J.; Cermak, K.

58

59

60

TITLE: Preparation and photoelectric properties of bismuth sulfide

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 7, 1965, 536-538

TOPIC TAGS: bismuth compound, photoelectric property, spectral distribution, crystal imperfection, thermoelectric power, crystal lattice structure

ABSTRACT: The article deals with preparation of BiSI crystals, which exhibit semiconductor properties, and with the spectral distribution of their photoeffect. Needle-like crystals 4 - 12 mm long were synthesized from pure bismuth, sulfur, and iodine in a quartz ampoule in pure nitrogen at 0.2 mm Hg and  $430 \pm 20^\circ\text{C}$ . The compound was found to be orthorhombic and belonging to the space group  $D_{2h}^{16}$ . The samples contained traces of less than  $10^{-3\%}$  Ca, Cu, Si, Se, Mg, and Al. The photoelectric current was measured as a function of the wavelength with a Zeiss monochromator and a stabilized tungsten-lamp source. The spectral distribution of the internal photoeffect for two different crystals obtained from the same batch is shown in Fig. 1 of the Enclosure. An important feature is that the difference in

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ACCESSION NR: AP5018476

the intensity at the maximum not only varies from crystal to crystal but varied in the same crystal if the photocurrent is turned on and off at different places of the crystal. The wavelengths of the maxima do not change, but the ratio of the heights changes appreciably. A photovoltaic effect was observed in almost all the prepared crystals. The spectral distribution showed two distinct maxima at 700 and 790 nm and an indication of the maximum near 660 nm. The existence of a photovoltaic volume effect gives evidence of certain non-uniformity of the crystal. Preliminary measurements indicate that the changes in the heights of the maxima are connected with the anisotropy of the BiSI orthorhombic crystals. The location of the maxima (785 nm) is in good agreement with measurements by others. From the polarity of the thermoelectric power it is deduced that the crystal has n-type conductivity along the c-axis. Heat treatment in an inert atmosphere up to 200°C increases the electric conductivity without any change in the structure of the crystals. Orig. art. has: 2 figures.

44, 55

ASSOCIATION: Institute of Chemical Technology, Pardubice, Czechoslovakia

SUBMITTED: 08Mar65

ENC: 01

SUB CODE: SS

NR REF Sov: 000

OTHER 005

Card 2/3

L 8530-66  
ACCESSION NR: AP5018476

ENCLOSURE: 01

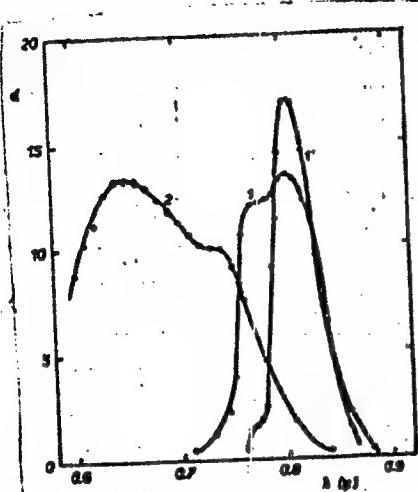


Fig. 1. Spectral distribution of photo-conductivity effect of BiSI crystals, samples 1 and 2. Curve 1 sample 1, curve 1' sample 1 when crystal is turned round c-axis. Polarizing stress 82 V, frequency 445 cps, room temperature. Signal d in parts of scale.

Card 3/3

HORAK, J.

Foundations for machines. p. 303.

STAVBY. Praha. Vol. 2, no. 8, Aug. 1954.

SOURCE: East European Accessions List (EFAL), LC, Vol. 5, no. 3, March 1956

HORAK, J.

New trends in the development of conveyers, p. 26, RUDY (Ministerstvo hutniho prumyslu a rudnych dolu) Praha, Vol. 3, No. 1, Jan. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

HUTNIK, J.

Tasks of metallurgic workers in the new year. p. 1.  
(HUTNIK, vol. 5, no. 1, Jan. 1955, Praha)

SO: Monthly List of East European Accession, (EAL), LC, Vol. 4, No. 11,  
Nov. 1955, Unclassified.

HORAK, J.

Economical utilization of iron and steel waste in blast furnaces. p.34.  
(HUTNIK vol. 5, no2, Feb. 1955, Praha)

SO: Monthly List of East European Accessions, (EEAL). LC, Vol. 4, No. 11,  
Nov. 1955, Uncl.

NEUMANN, J.

Ten years of free labor in the metallurgic industry. p. 129.  
Development and future prospects of our metallurgic industry. p. 130.  
United Steelworks. p. 133.  
(HUTNIK, vol. 5, no. 5, May 1955, Praha)

s0: Monthly List of East European Accession,(EHAL), EC, Vol. 4, No. 11,  
Nov. 1955, Uncl.

HORAK, J.

"From the National Conference of Workers of the Metallurgic Industry."

Hutnik. Praha, Czechoslovakia. Vol. 5, no. 10, Oct. 1955.

Monthly list of East European Accessions(EEAI), LC, Vol. 8, No. 6, Jun 59, Uncles

HORAK, J.

Problemy a výhledy našeho hutnictví a slevárenství (Problems and the Outlook of Our Metallurgical Industry and Foundries); a book review. p. 255.

HUTNIK. Vol. 6, no. 8, Aug. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

HORAK, J.

Work of the scientific technical library of the Magnitogorsk metallurgical works.  
p. 286.

HUTNIK. Vol. 6, no. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEL) Library of Congress, Vol. 6, No. 1, January 1957

HORAK, J.

HORAK, J. Comparison of the metallurgic industry in Czechoslovakia with that in some foreign countries. p. 351

Vol. 6, N<sub>o</sub>. 11, Nov. 1956

HUTNIK

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accessions, Vol. 6, N<sub>o</sub>. 3, March 1957

HORAK, J.

Machine foundation.

P. 297, (Strojirenska Vyroba) Vol. 5, no. 7, July, 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (NEAI) Vol. 6, No. 11 November 1957

HORAK, J.

"Metallurgy at the 21st Congress of the Communist Party of the Soviet Union."

Hutnik. Praha, Czechoslovakia. Vol. 9, no. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

PUNCOCHAR, Z., inz.; LVOVA, H., inz.; FRIEDRICH, V., inz.; KECLIK, V., inz.;  
KRUMLNIKL, Frantisek, inz.; BAUER, J., inz.; SORAL, J., inz.;  
HORAK, J., dr., inz.; PEDLIK, M., inz.

Information on metallurgy. Hut listy 18 no. 5:361-374 My '63.

HORAK, Josef, inz.

Fast tempering of recuperative tanks. Sklar a keramik 14 no.6:  
168-169 Je '64.

Prospective role of broad neck glass containers. Ibid.:178

1. Sklárny Moravia National Enterprise, Kyjov.

L 3758-66 EWP(t)/EWP(b) IJP(c) JD/JG

ACC NR: AP5027369

CZ/01/34/65/000/001/0073/0073

AUTHOR: Horak, J. (Engineer, Doctor); Friedrich, V. (Engineer)

TITLE: Method for treating red slimes in Al manufacture for recovery of contained metals, mainly vanadium

SOURCE: Hutnicke listy, no. 1, 1965, 73

TOPIC TAGS: metal melting, slag, iron, aluminum, vanadium

ABSTRACT: The article is an abstract of Czechoslovak Patent Application Class 40a, 55/00, PV 4468-63, dated 5 Aug. 1963. The slime presents a disposal problem. The slimes are heated under reducing conditions in a furnace, where they are melted while the basicity of the slag is maintained at 0.90 to 1.40. Reduced iron containing up to 1% of V is discharged from the furnace in a molten state, and is oxidized after discharge.

ASSOCIATION: none

SUBMITTED: 05Aug63

ENCL: 00

SUB CODE: MI

NR REF SOV: COD

OTHER: 000

JPRS

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Card 1/1

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1

HORAK, Jan

Repairing measuring instruments. Sdel tech 9 no.11:419-423 N '61.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1"

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1

HORAK, J.

HORAK, J.

Treatment of infectious hepatitis. Gastroenterologia bohema 4  
no.2-4:90-99 Oct 50.  
(CLMI 20:5)

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1"

HORAK, J.

[Advances in diagnosis of diseases of the liver; cirrhosis and toxic states of the liver] Pokroky v rozpoznavani a leceni jaternich chorob. Lek.listy 5 no.7:198-202 1 Apr '50. (CIML 19:1)

HORAK, J.

HORAK, J.

Prevention and treatment of pulmonary tuberculosis from the view-point of internal medicine. Lek.listy 6 no.1:15-19; contd. 1 Jan 51. (CML 20:5)

HORAK, J.

HORAK, J.

Prevention and therapy of pulmonary tuberculosis from the view  
point of internal medicine. Lek.listy 6 no.2:54-57; concl.  
15 Jan 51.  
(CLML 20:5)

HORAK, J.

HORAK, J.

Skin transplantation following scalping. Lek. listy 6  
no.13:396-400 1 July 1951. (CLML 20:11)

1. Of the Surgical Department of the State Regional Hospital  
in Trebic (Head -- Karel Holubec, M.D.).

HORAK, J.

Isonicotinic acid hydrazide in the treatment of tuberculosis.  
Lek. listy, Brno 7 no. 15-16:411-412 1 Aug. 1952. (CLML 22:4)

1. Docent, M. D. 2. Brno.

HORAK, J.

Further experience with the treatment of tuberculosis with isonicotinic acid hydrazide. Lek. listy, Brno 7 no.24:599-601 15 Dec 1952.  
(CLML 23:4)

1. Of Brno District Tuberculosis Hospital.

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618120011-1

HORAK, J.

Progress in prevention and prevention and therapy of pulmonary tuberculosis. Lek. listy, Brno 8 no. 1:1-2; contd. 1 Jan 1953. (CIML 24:2)

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HORAK, J.

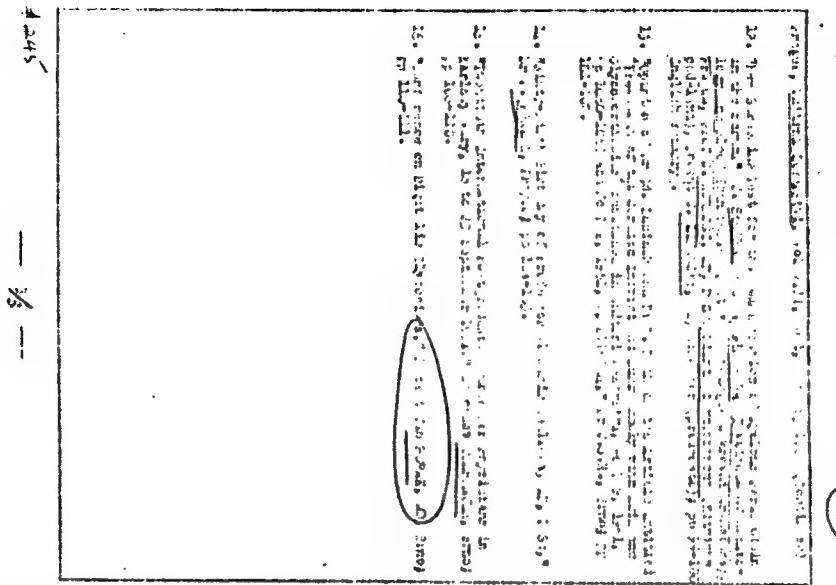
Control of tuberculosis according to new progress in the treatment of pulmonary tuberculosis; effect of progress of the treatment of pulmonary tuberculosis in organization of control of tuberculosis. Lek. listy, Brno 8 no. 2:48-51; concl. 15 Jan 1953. (CMLL 24:2)

HORAK, Jan, Doc., MUDr., (Brno, Pekarska 39.)

Hypertension. Vnitr. lek., Brno 1 no.1:58-66 Jan 55.

(HYPERTENSION)

HORAK, JAN (bene, MD)



HOPAK, JAN

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CIA-RDP86-00513R000618120011-1"

HORAK, J., doc. MUDr.; JANULA, J., MUDr.

Pulmonary syphilis. Bratisl. lek. listy 45 no.8t492-498  
30 Ap '65

1. Vnitřní oddělení II, městské nemocnice v Brně (vedoucí:  
doc. MUDr. J. Horák) a kozní oddělení II. městské nemocnice  
v Brně (vedoucí: MUDr. J. Janula).

HORAK, J.

Changes in the blood circulation and respiration following graded exercises in trained and untrained men. Cas. lek. cesk. 104 no.8t  
216-219 26 F'65.

1. Ustredni vojenska nemocnice v Praze, sportovne lekarske oddelani  
(vedouci: MUDr. J. Horak).

L 13311-66 ENT(m)

ACC NR: AP6006014

SOURCE CODE: CZ/0053/65/014/004/0273/0278

AUTHOR: Chlebovsky, O.; Praslicka, M.; Horak, J.

ORG: Institute of Biology PF UPJS, Kosice (Biologicky ustav PF UPJS); Department of Radiobiology, UEB SAV, Kosice (Radiobiol. odd. UEB SAV)

TITLE: Effect of chronic irradiation on the mitotic activity and finding of chromosomal aberrations in the bone marrow of rats [This paper was presented during Biophysical Days, Brno, 11 Jun 64.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 278

TOPIC TAGS: animal genetics, bone marrow, rat, radiation biologic effect, mitosis

ABSTRACT: Study of the effect of small (0.5, 1, 2.5, 5, or 10 r) daily irradiation doses on the mitotic index. Latter was less of a reliable criterion of irradiation damage than was the ration of individual mitotic phases. Some adaptation mechanisms seemed to operate to slow down, then even reverse changes after some weeks of irradiation. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 001

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CHURCH OF LOVAKIA

HAVRANKOVA, V; HORAK, J

Institute for General and Inorganic Chemistry,  
Technical College for Chemistry (Institut fur  
allgemeine und anorganische Chemie, Technische  
Hochschule fur Chemie) Pardubice (for both)

Prague, Collection of Czechoslovak Chemical Com-  
munications, No 3, March 1966, pp 125-126)

"Preparation and phototechnic properties of anti-  
mony chalcogenidic iodides."

CZECHOSLOVAKIA

HORAK, J.

College of Chemical Engineering, Prague

Prague, Collection of Czechoslovak Chemical Communications, No 2, February 1967, pp 868-875

"On the reaction of trichloromethanosulphenyl chloride and its derivatives. Part 5: Relation between two structures and reactions of esters, thioesters and amides of trichloromethanosulphenic acid."

HORAK, Janusz, mgr inz.

Effect of temperature on the computation of power losses by  
the method of peak load power losses. Energetyka Pol 18 no.9:  
281-283 S '64

1. Department of Electric Networks, Institute of Power Engineering,  
Warsaw.